

# AMENDED

Submit To: CHIEF ENGINEER  
Division of Water Resources  
Kansas Department of Agriculture  
1320 Research Park Drive  
Manhattan, Kansas 66502  
http://agriculture.ks.gov/dwr

## APPLICATION FOR APPROVAL TO CHANGE THE PLACE OF USE, THE POINT OF DIVERSION OR THE USE MADE OF THE WATER UNDER AN EXISTING WATER RIGHT



State of Kansas

*Filing Fee Must Accompany the Application  
(Please refer to Fee Schedule on signature page of application form.)*

Paragraph Nos. 1, 2, 3, 4 & 8 must be completed. Complete all other applicable portions. A topographic map or detailed plat showing the authorized and proposed points(s) of diversion and /or place of use must accompany this application.

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1. Application is hereby made for approval of the Chief Engineer to change the

- Place of Use
- (Check one or more)  Point of Diversion
- Use Made of Water

File No. 29,816 Circles 9A and 10A.

2. Name of applicant: City of Hays, Kansas and City of Russell, Kansas (See paragraph 2 of the cover letter.)

Address: c/o Foulston Siefkin LLP, 1551 N. Waterfront Parkway, Suite 100

City, State and Zip: Wichita, Kansas 67206

Phone Number: ( 316 ) 291-9725 E-mail address: dtraster@foulston.com

What is your relationship to the water right;  owner  tenant  agent  other? If other, please explain. Hays and Russell are co-owners of the authorized place of use on the R9 Ranch in Edwards County.

Name of water use correspondent: City of Hays, Kansas

Address: P. O. Box 490, 1507 Main Street

City, State and Zip: Hays, Kansas 67601

Phone Number: ( 785 ) 628-7320 E-mail address: tdougherty@haysusa.com

3. The change(s) proposed herein are desired for the following reasons (please be specific):  
See Paragraph 3 of the cover letter filed concurrently with this application. The cover letter is incorporated herein by reference.

The change(s) (~~was~~) (will be) completed by See Paragraph 3 of the cover letter  
(Date)

**For Office Use Only:**

F.O.      GMD      Meets K.A.R. 5-5-1 (YES / NO) Use      Source G / S County      By      Date       
Code      Fee \$      TR #      Receipt Date      Check #

4. The presently authorized place of use is:

Owner of Land — NAME: City of Hays, Kansas

ADDRESS: P.O. Box 490, 1507 Main Street, Hays, Kansas 67601

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
1-T26S-R19W			Lot 1 5	Lot 2 5	40	40			40	40	2.5	2.5							175

List any other water rights that cover this place of use: None

Owner of Land — NAME: City of Russell, Kansas

ADDRESS: 133 W. 8th Street, Russell, Kansas 67665

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
			Same as above																

List any other water rights that cover this place of use: None

(If there are more than two landowners, attach additional sheets as necessary.)

5. It is proposed that the place of use be changed to:

Owner of Land — NAME: City of Hays, Kansas

ADDRESS: P.O. Box 490, 1507 Main Street, Hays, Kansas 67601

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
			See Attachment.																

List any other water rights that cover this place of use: See paragraph 5 of the cover letter.

Owner of Land — NAME: City of Russell, Kansas

ADDRESS: 133 W. 8th Street, Russell, Kansas 67665

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
			See Attachment.																

List any other water rights that cover this place of use: See paragraph 5 of the cover letter.

**IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY**

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Page 2 of 37

NOV 28 2016

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- 6. The presently authorized point(s) of diversion (is) (are) irrigation well(s) described in paragraph 8, infra.  
(Provide description and number of points)
- 7. The proposed point(s) of diversion (is) (are) one or more municipal wells; see paragraph 7 of the cover letter.  
(Provide description and number of points)

**List all presently authorized point(s) of diversion:**

8. **Presently authorized point of diversion:**  
 One in the near the center Quarter of the S/2 Quarter of the NE Quarter of Section 4, Township 26 South, Range 19 (E/W), in Edwards County, Kansas, 4,056 feet North 1,320 feet West of Southeast corner of section. Authorized Rate 750 gpm Authorized Quantity 90 a/f  
 (DWR use only: Computer ID No. \_\_\_\_\_ GPS \_\_\_\_\_ feet North \_\_\_\_\_ feet West)  
 This point will not be changed  This point will be changed as follows:  
**Proposed point of diversion: (Complete only if change is requested)**  
 One in the NW Quarter of the SE Quarter of the NE Quarter of Section 4, Township 26 South, Range 19 (E/W), in Edwards County, Kansas, 4,545 feet North 1,311 feet West of Southeast corner of section. Proposed Rate See Attachment Proposed Quantity See Attachment  
 This point is:  Additional Well  Geo Center List other water rights that will use this point 21,841

9. **Presently authorized point of diversion:**  
 One in the near the center Quarter of the S/2 Quarter of the NW Quarter of Section 4, Township 26 South, Range 19 (E/W), in Edwards County, Kansas, 2,731 feet North 3,960 feet West of Southeast corner of section. Authorized Rate 800 gpm Authorized Quantity 98 a/f  
 (DWR use only: Computer ID No. \_\_\_\_\_ GPS \_\_\_\_\_ feet North \_\_\_\_\_ feet West)  
 This point will not be changed  This point will be changed as follows:  
**Proposed point of diversion: (Complete only if change is requested)**  
 One in the NW Quarter of the SE Quarter of the SE Quarter of Section 5, Township 26 South, Range 19 (E/W), in Edwards County, Kansas, 1,577 feet North 901 feet West of Southeast corner of section. Proposed Rate See Attachment Proposed Quantity See Attachment  
 This point is:  Additional Well  Geo Center List other water rights that will use this point 21,842; 21,734

10. **Presently authorized point of diversion:**  
 One in the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of Section \_\_\_\_\_, Township \_\_\_\_\_ South, Range \_\_\_\_\_ (E/W), in \_\_\_\_\_ County, Kansas, \_\_\_\_\_ feet North \_\_\_\_\_ feet West of Southeast corner of section. Authorized Rate \_\_\_\_\_ Authorized Quantity \_\_\_\_\_  
 (DWR use only: Computer ID No. \_\_\_\_\_ GPS \_\_\_\_\_ feet North \_\_\_\_\_ feet West)  
 This point will not be changed  This point will be changed as follows:  
**Proposed point of diversion: (Complete only if change is requested)**  
 One in the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of Section \_\_\_\_\_, Township \_\_\_\_\_ South, Range \_\_\_\_\_ (E/W), in \_\_\_\_\_ County, Kansas, \_\_\_\_\_ feet North \_\_\_\_\_ feet West of Southeast corner of section. Proposed Rate \_\_\_\_\_ Proposed Quantity \_\_\_\_\_  
 This point is:  Additional Well  Geo Center List other water rights that will use this point \_\_\_\_\_

- 11. Describe the current condition of and future plans for any point(s) of diversion which will no longer be used. See paragraph 11 of the cover letter.

**IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY**

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**5. It is proposed that the place of use be changed to:**

The City of Hays, Kansas and its immediate vicinity as well as related areas in the Northeast Quarter (NE/4) of Section 19 and the Northwest Quarter (NW/4) of Section 36, T13S-R18W, Ellis County, Kansas;

The City of Russell, Kansas and its immediate vicinity;

The City of Victoria, Kansas and its immediate vicinity;

The City of La Crosse, Kansas and its immediate vicinity; and

The City of Ellis, Kansas and its immediate vicinity.

Upon the execution of a contract to purchase water from the Project, the authorized place of use should include industrial facilities or the corporate limits of the municipality, rural water district, or other entity entering into such contract for purchase and in the case of a municipality, its immediate vicinity.

**7., 8., 9., and 10. Proposed Rate, Quantity, and Well Location**

The Cities requested a total of 187.5 acre-feet at 1,550 gpm from the wells associated with this water right. Of those amounts, 97.5 acre-feet at 800 gpm would be diverted from new point of diversion "E," and 90 acre-feet at 750 gpm would be diverted to new point of diversion "F," as shown on Exhibit H.

When combined with existing wells from other water rights, new point of diversion "E" would have a cumulative total of 518.92 acre-feet at 2,561 gpm, and new point of diversion "F" would have 285 acre-feet at 1,640 gpm.

After extensive negotiation, the Cities and the Chief Engineer have reached a tentative agreement on numerous terms that are set out in an Initial Order, including an agreement to reduce the quantity requested to 188.0 acre-feet per year. The Cities understand that the Initial Order is subject to review by the GMD and others and cannot be finalized until after that review. The Cities submit these amendments to their original Change Application but the amendments are contingent upon the entry of an Initial Order and a Final Order with terms that are acceptable to the Cities.

Subject to the negotiated terms set out in the Initial Order, the proposed municipal well "E" will be limited to a maximum rate of 1,270 gallons per minute and proposed municipal well "F" will be limited to a maximum rate of 1,040 gallons per minute.

Attached as Exhibits N, O, P, and Q are additional maps that show the location of the currently authorized points of diversion, a one-half mile buffer around each irrigation well, the proposed location of municipal wells "E," and "F," a 1,000-foot radius around those locations, and the proposed areal limits within which the new municipal wells can be located.

**13. If changing the place of use and the use made of water, describe how the consumptive use will not be increased:**

*Quantity authorized and perfected*

The Permit was issued on February 22, 1978, granting the applicant the right to divert up to 240 acre-feet annually at a rate not to exceed 1,600 gallons per minute for irrigation use on 160 acres in Section 4-T26S-R19W.<sup>1</sup>

In the cover letter transmitting the Permit, DWR made findings of fact stating that “the proposed use is for a beneficial purpose and is *within reasonable limitations*. If priorities are observed and respected, the proposed use will neither impair any use under existing water rights nor prejudicially and unreasonably affect the public interest.”<sup>2</sup>

The Field Inspection Reports indicate that 187.5 of the 240 acre-feet authorized by the Permit were lawfully perfected.

- 131 acre-feet were applied to 65 approved acres in the NW/4 of Section 4-T26S-R19W.<sup>3</sup>
- 123 acre-feet were applied to 60 approved acres in the NE/4 of Section 4-T26S-R19W.<sup>4</sup>
- The Permit authorized the perfection of 240 acre-feet per acre on 160 acres or 1.5 acre-feet per acre, but only 125 authorized acres were irrigated during the perfection period, resulting in the perfection of 187.5 acre-feet.<sup>5</sup>

Since the perfection period has expired, the “authorized quantity” for this water right is the 187.5 acre-feet actually perfected. The Certificate rounded this number up to 188 acre-feet.

#### *NIR for Alfalfa*

Alfalfa was grown on this circle during the perfection period.<sup>6</sup> According to the Kansas Irrigation Guide, the NIR for the 50% chance rainfall in Edwards County is 20.9 (1.74 feet) inches for alfalfa.

Since alfalfa was grown on the authorized place of use in at least one year during the perfection period, it is reasonable to use the NIR for alfalfa, which yields a total quantity of 217.71 acre-feet consumed. This quantity is greater than the quantity set out in the Certificate and greater than the quantity actually perfected. Because it cannot exceed the “maximum annual quantity authorized by the water right,”<sup>7</sup> the quantity must be reduced to 187.50 acre-feet.

Nevertheless, and pursuant to the negotiated terms set out in the Initial Order discussed above, the Cities request that the Chief Engineer approve a total of 188.0 acre-feet per year for municipal use. Subject to the negotiated terms set out in the Initial Order, the proposed municipal well “E” will be limited to a maximum rate of 1,270 gallons per minute and proposed municipal well “F” will be limited to a maximum rate of 1,040 gallons per minute.

<sup>1</sup> Permit, HAYS004213, Ex. A.

<sup>2</sup> February 22, 1978, letter (emphasis added), HAYS004212, Ex. B.

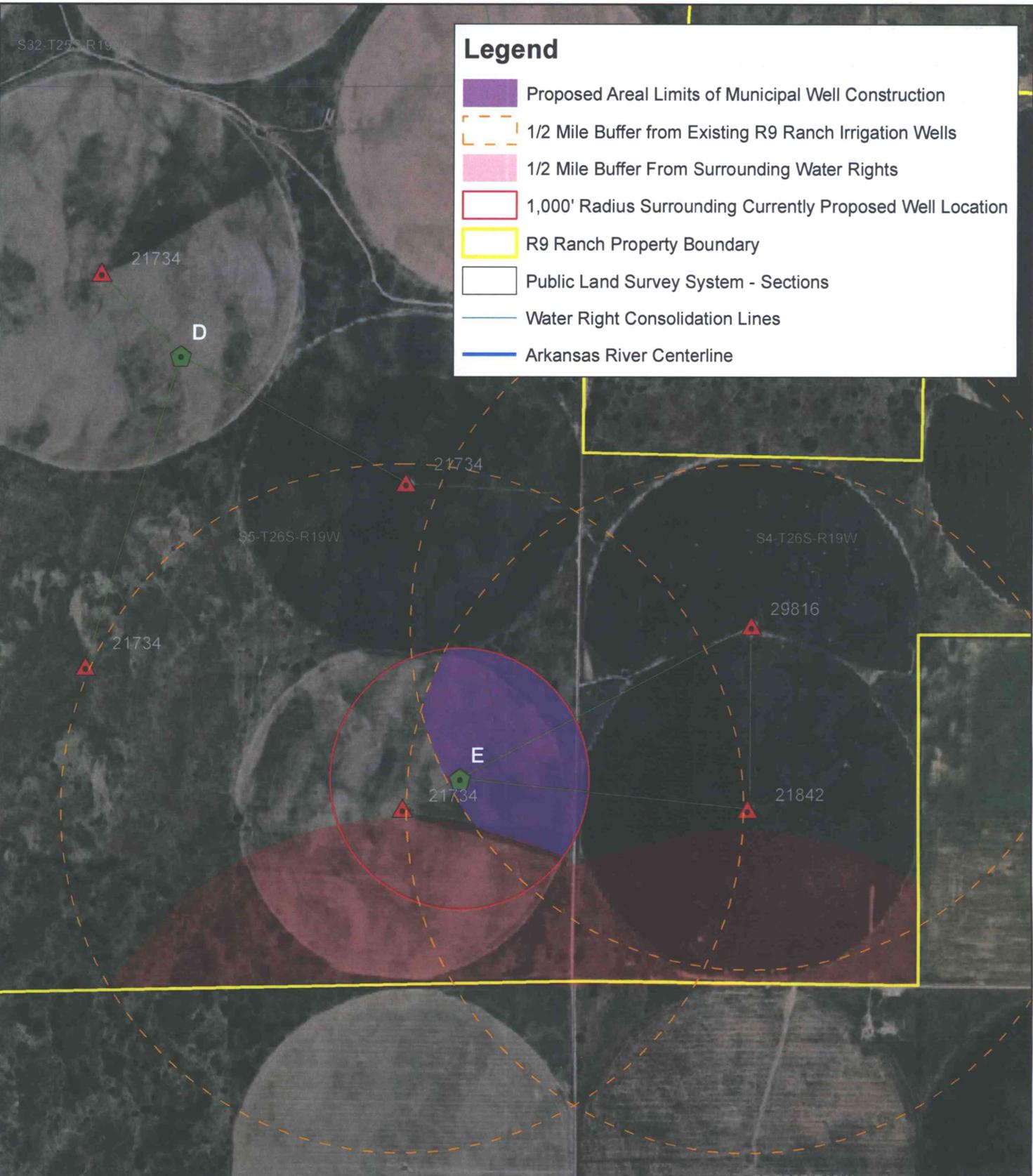
<sup>3</sup> FIR, HAYS004194, Ex. C.

<sup>4</sup> FIR, HAYS004200, Ex. D.

<sup>5</sup> FIRs, HAYS004194, Ex. C, and HAYS004200, Ex. D.

<sup>6</sup> *American Agricultural Industries, Inc. v. Slentz McAlister* Trial Exhibits, HAYS004448-4453, Ex. E.

<sup>7</sup> See K.A.R. 5-5-9(a)(4).



**Legend**

- Proposed Areal Limits of Municipal Well Construction
- 1/2 Mile Buffer from Existing R9 Ranch Irrigation Wells
- 1/2 Mile Buffer From Surrounding Water Rights
- 1,000' Radius Surrounding Currently Proposed Well Location
- R9 Ranch Property Boundary
- Public Land Survey System - Sections
- Water Right Consolidation Lines
- Arkansas River Centerline

**Legend**

- ▲ R9 Irrigation Wells
- ⬠ Currently Proposed Well Site

N  
1:12,000

0    375    750    1,500  
Feet

**BURNS  
MCDONNELL**

**Conceptual Well Site E**

**File No. 29,816**

**Exhibit N**

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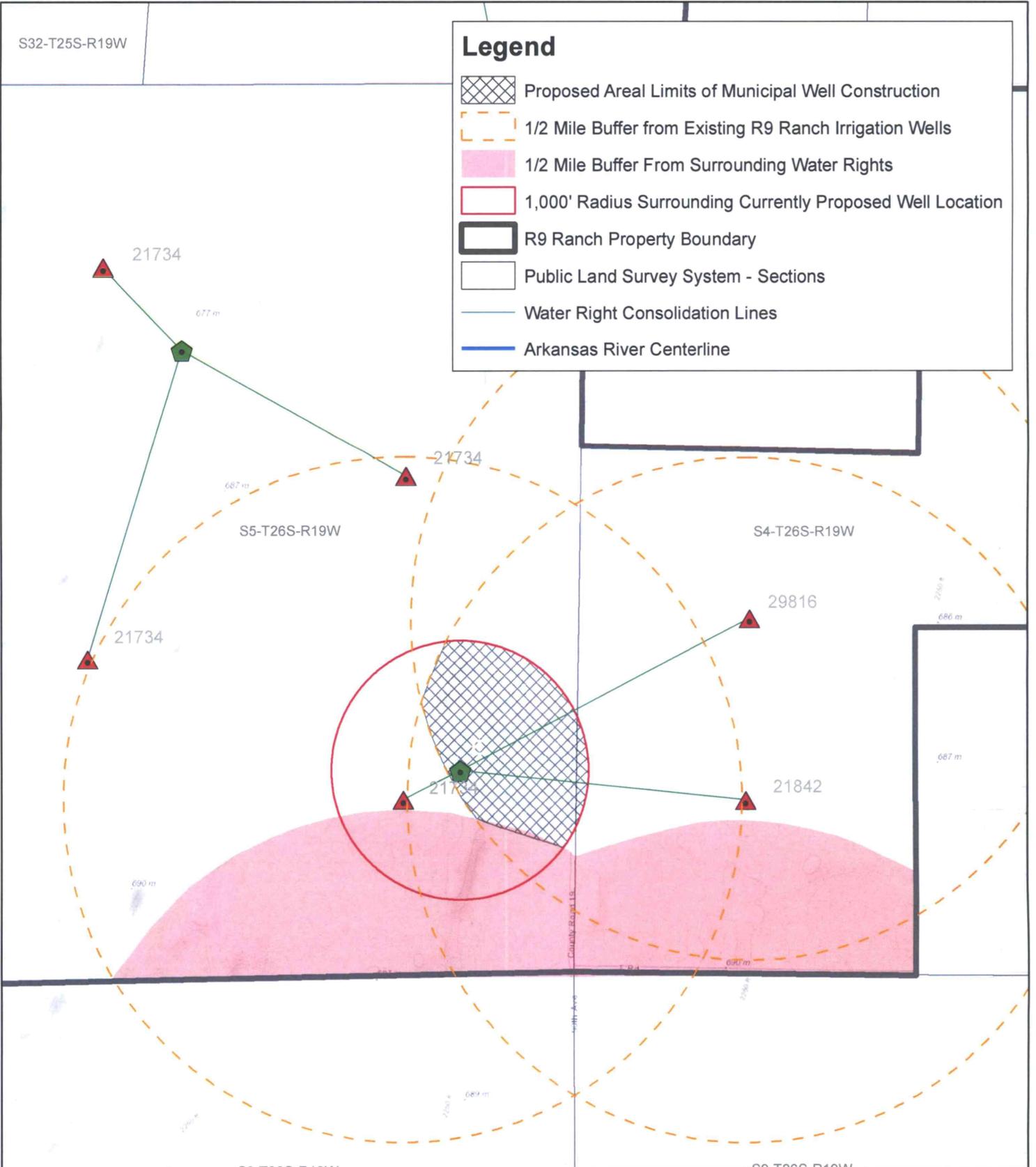
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S32-T25S-R19W

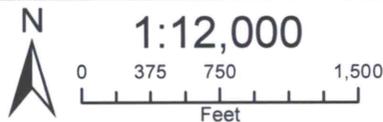
### Legend

-  Proposed Areal Limits of Municipal Well Construction
-  1/2 Mile Buffer from Existing R9 Ranch Irrigation Wells
-  1/2 Mile Buffer From Surrounding Water Rights
-  1,000' Radius Surrounding Currently Proposed Well Location
-  R9 Ranch Property Boundary
-  Public Land Survey System - Sections
-  Water Right Consolidation Lines
-  Arkansas River Centerline



### Legend

-  R9 Irrigation Wells
-  Currently Proposed Well Site



Conceptual Well Site E

File No. 29,816

Exhibit O

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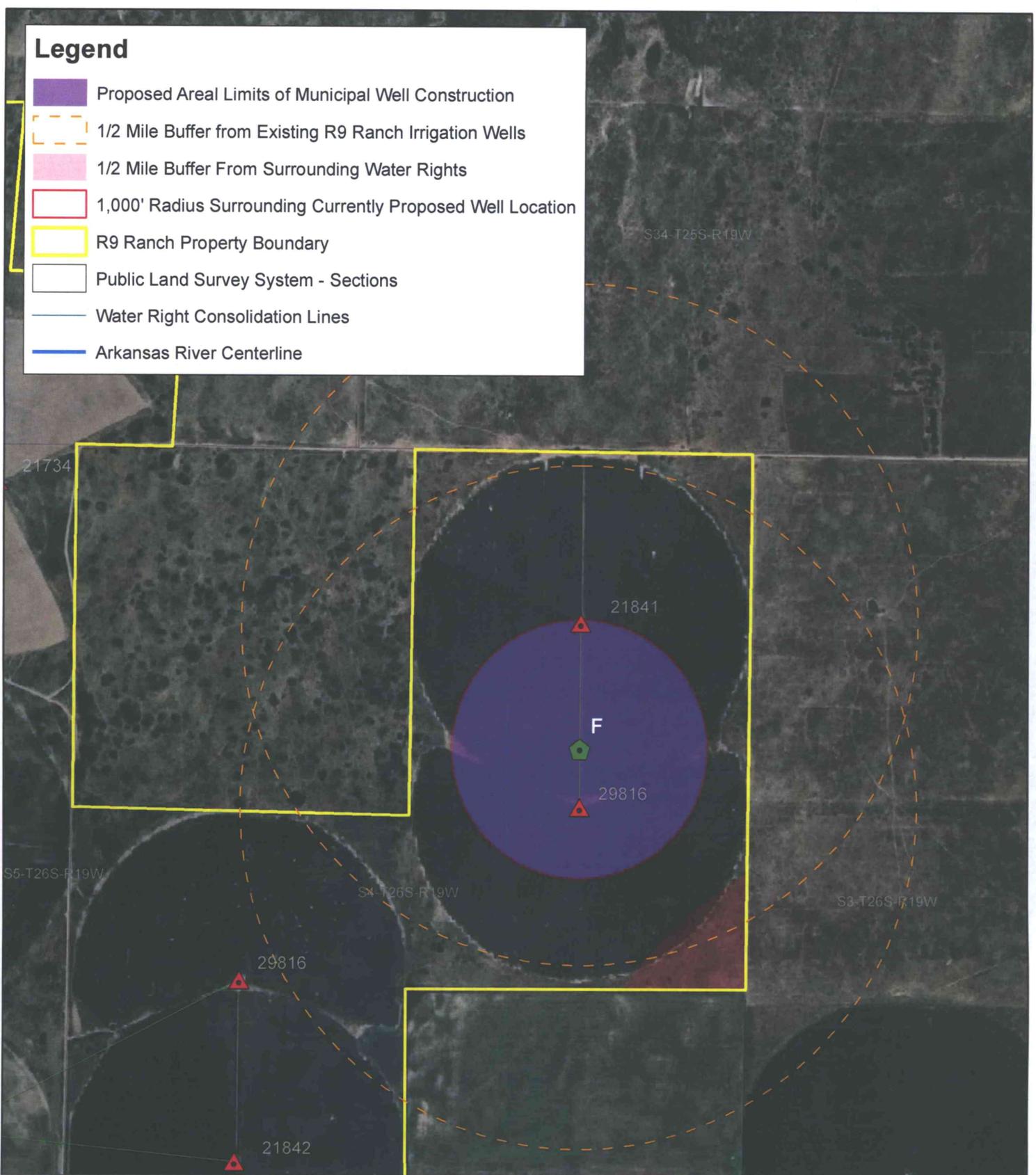
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**Legend**

-  Proposed Areal Limits of Municipal Well Construction
-  1/2 Mile Buffer from Existing R9 Ranch Irrigation Wells
-  1/2 Mile Buffer From Surrounding Water Rights
-  1,000' Radius Surrounding Currently Proposed Well Location
-  R9 Ranch Property Boundary
-  Public Land Survey System - Sections
-  Water Right Consolidation Lines
-  Arkansas River Centerline



**Legend**

-  R9 Irrigation Wells
-  Currently Proposed Well Site



Conceptual Well Site F

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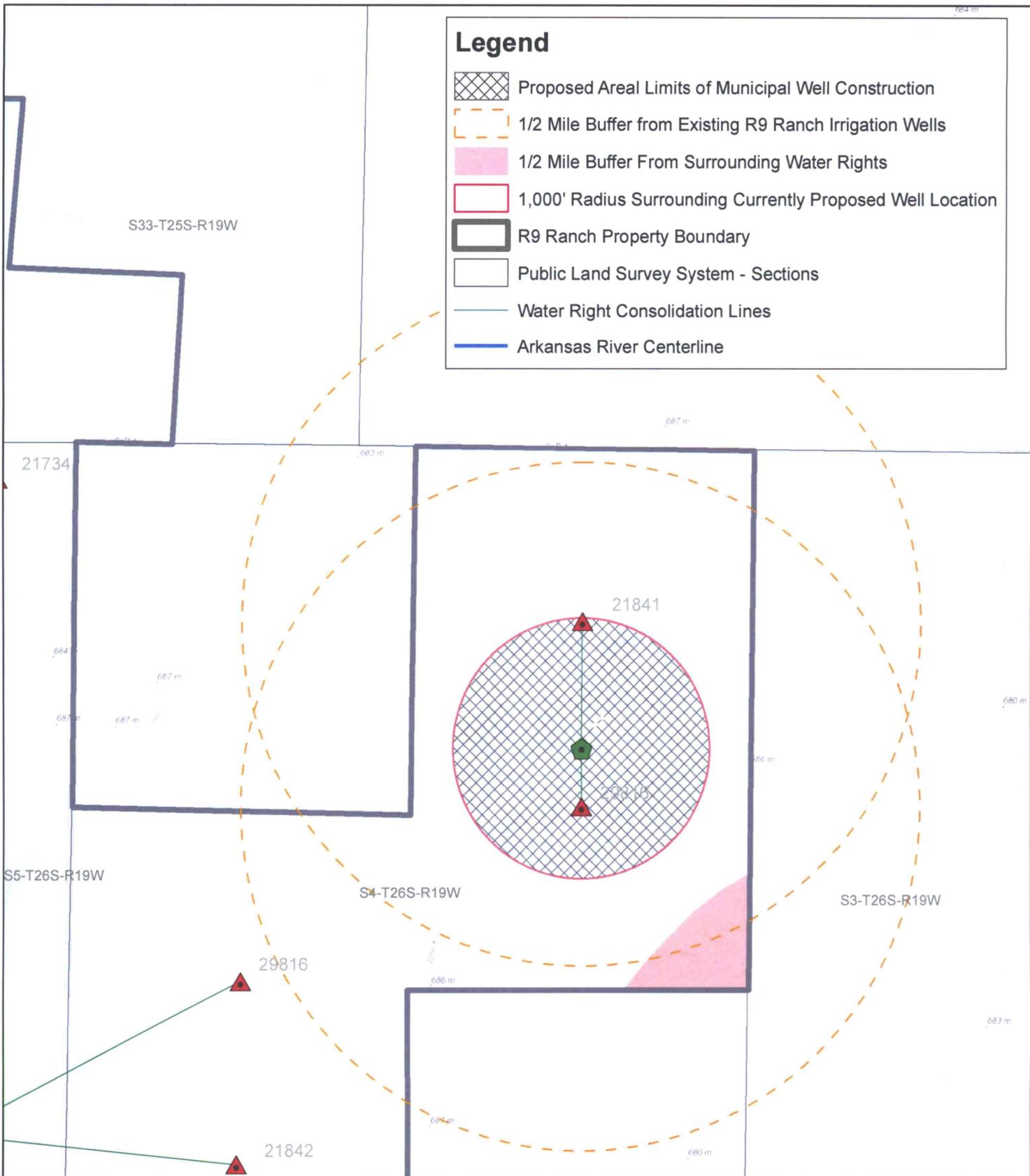
NOV 28 2015 Exhibit P

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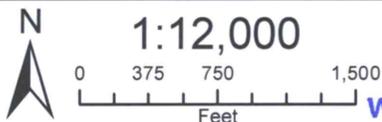
### Legend

-  Proposed Areal Limits of Municipal Well Construction
-  1/2 Mile Buffer from Existing R9 Ranch Irrigation Wells
-  1/2 Mile Buffer From Surrounding Water Rights
-  1,000' Radius Surrounding Currently Proposed Well Location
-  R9 Ranch Property Boundary
-  Public Land Survey System - Sections
-  Water Right Consolidation Lines
-  Arkansas River Centerline



### Legend

-  R9 Irrigation Wells
-  Currently Proposed Well Site



Conceptual Well Site F

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 Exhibit Q

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